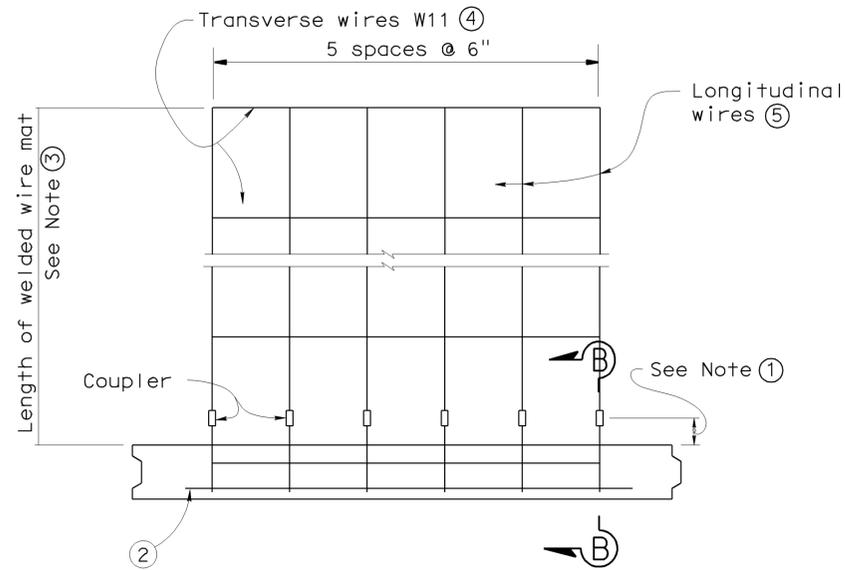


DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED ENGINEER - CIVIL	
PLANS APPROVAL DATE	

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



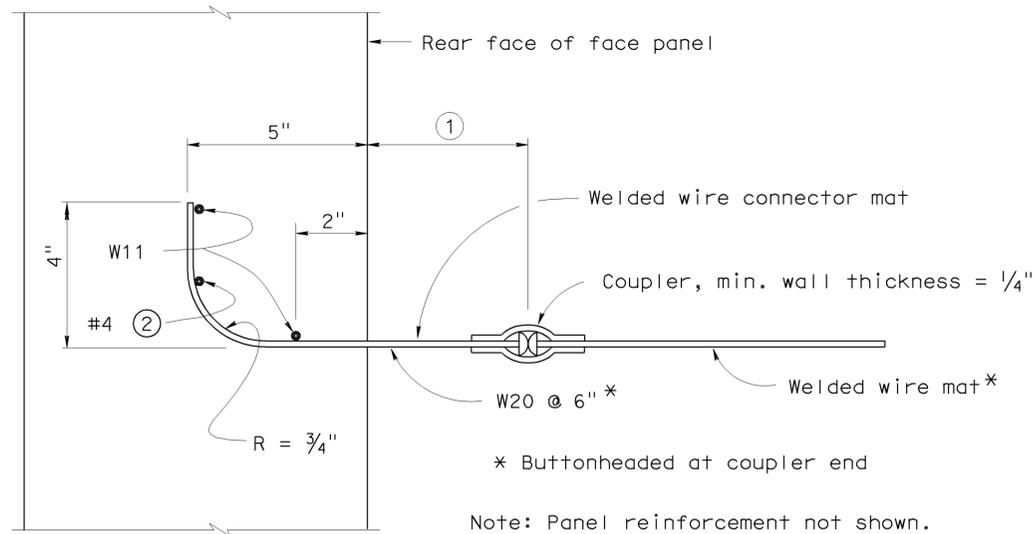
**PLAN OF PANEL WITH WELDED WIRE MAT**  
No scale

**Notes:**

- ① Distance as required to permit coupler to be swaged.
- ② Place #4 bar, 3' - 2" long, centered on connector mat, but not welded to it.
- ③ Length equals "Base width" of wall, except it shall not be less than 16' for the top 2 levels of mats at the top of the wall.
- ④ All Transverse Wires size W11 at various spacings as shown elsewhere in plans.
- ⑤ All Longitudinal Wires at 6" spacing, of various sizes, as shown elsewhere in plans.

**GENERAL NOTES (MSE WALLS)**

Live loading: Surcharge = 240 lb/ft<sup>2</sup>  
 Soil parameters:  
 Internal design  $\phi = 34^\circ$ ,  $\gamma = 120$  lb/ft<sup>3</sup>  
 External design  $\phi$  (Backfill) = 34°,  $\gamma = 120$  lb/ft<sup>3</sup>  
 $\phi$  (Foundation) = 30°  
 Precast concrete panels:  
 $f'c = 4,000$  psi (Concrete compressive strength at 28 days)  
 $f_y = 60,000$  psi (Yield strength of reinforcement)  
 Soil reinforcement:  
 Welded wire mats:  $f_y = 65,000$  psi (Yield strength)  
 Coupler:  $f_y = 36,000$  psi (Yield strength)  
 Corrosion rate = 1.1 mils/year  
 Reinforced concrete:  
 $f'c = 3,600$  psi, except as noted  
 (Concrete compressive strength at 28 days)  
 $f_y = 60,000$  psi (Yield strength of reinforcement)  
 MSE = Mechanically stabilized embankment



**SECTION B-B**  
No scale

<b>STANDARD DRAWING</b>		APPROVED BY <u>K. GRISWELL</u> RESPONSIBLE TECHNICAL SPECIALIST APPROVAL DATE <u>5-6-08</u>		RELEASED BY <u>ROBERTO LACALLE</u> RESPONSIBLE OFFICE CHIEF RELEASE DATE <u>5-6-08</u>		BRIDGE NO. POST MILE		<b>MECHANICALLY STABILIZED EMBANKMENT</b> <b>DETAIL NO. 2</b>							
FILE NO. <b>xs13-020-2e</b>						STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION		DIVISION OF ENGINEERING SERVICES		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET	OF
DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. 01/11/08)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0 1 2 3		CU EA		USERNAME => rww		xS13-020-2e.dgn	

DATE PLOTTED => 30-JUN-2008 TIME PLOTTED => 10:41